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Substitute for form 1449A/B/PTO				Complete if Known	
				Application Number	10/684332
				Filing Date	October 10, 2003
				First Named Inventor	Raanan A. Miller
				Art Unit	1744
				Examiner Name	Not Yet Assigned
Sheet	1	of	3	Attorney Docket Number	SION-P01-030

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)			
RAV	B1	WO 96/19822	06/27/1998	The Secretary of State for Defence	
	B2	WO 00/08454	02/17/2000	National Research Council Canada	
	B3	WO 00/08455	02/17/2000	National Research Council Canada	
	B4	WO 00/08456	02/18/2000	National Research Council Canada	

Examiner Signature	<i>DRM</i>	Date Considered	12/17/07
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B5	WO 00/08457	02/19/2000	National Research Council Canada	
B6	SU 966583	10/15/1982	Gorshkov, M.P.	
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B17	WO 02/083276A1	10/24/2002	The Charles Stark Draper Laboratory	
B18	WO 03/005016A1	01/16/2003	Sionex Corporation	
B19	WO 03/015120A1	02/20/2003	Sionex Corporation	

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NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>	
	C1	"A Micromachined Field Driven Radio Frequency-Ion Mobility Spectrometer for Trace Level Chemical Detection," A Draper Laboratory Proposal Against the "Advanced Cross-Enterprise Technology Development for NASA Missions," Solicitation, NASA NRA 99-OSS-05.		
	C2	BARNETT, D.A. et al., "Isotope Separation Using High-Field Asymmetric Waveform Ion Mobility Spectrometry," Nuclear Instruments & Methods in Physics Research (2000), pp 179-185, 450(1).		
	C3	BURYAKOV, I.A. et al., "Separation Ions According to Mobility in a Strong ac electric Field," Sov. Tech. Phys. Lett. (1991), pp 446-447, 17(6).		
	C4	BURYAKOV, I.A. et al., Device and Method For Gas Electrophoresis, Chemical Analysis of Environment, edit. Prof. V.V. Malakhov, Novosibirsk; Nauka (1991), pp 113-127.		
	C5	BURYAKOV, I.A. et al., "A New Method of Separation of Multi-Atomic Ions by Mobility at Atmospheric Pressure Using a High-Frequency Amplitude-Asymmetric Strong Electric Field," International Journal of Mass Spectrometry and Ion Processes (1993), pp 143-148, 128.		
	C6	CARNAHAN, B. et al., "Field Ion Spectrometry - A New Analytical Technology for Trace Gas Analysis," ISA, (1996), pp 87-96, 51(1).		
	C7	CARNAHAN, B. et al., "Field Ion Spectrometry - A New Technology for Cocaine and Heroin Detection," SPIE, (1997), pp 106-119, 2937.		
	C8	EICEMAN, G.A., et al., "Miniature radio-frequency mobility analyzer as a gas chromatographic detector for oxygen-containing volatile organic compounds, pheromones, and other insect attractants," J. Chromatography, (2001), pp 205-217, 917.		
	C9	GUEVREMONT, R. and PURVES, R., "High Field Asymmetric Waveform Ion Mobility		

Examiner Signature		Date Considered	12/12/04
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	C11	GUEVREMONT, R. et al., "Atmospheric Pressure In Focusing in a High-Field Asymmetric Waveform Ion Mobility Spectrometer," Review of Scientific Instruments, (1999), pp 1370-1383, 70(2).	
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	C13	HATHOUT, Y., et al., "Identification of Bacillus Spores by Matrix-Assisted Laser Desorption Ionization Mass Spectrometry," Appl. Environ. Microbiol. 65(10):4313-4319 (1999).	
	C14	KRYLOV, E.V., "A Method of Reducing Diffusion Losses in a Drift Spectrometer," Technical Physics, (1999), pp 113-16, 4d(1).	
	C15	KRYLOV, E.V., "Pulses of Special Shapes Formed on a Capacitive Load," Instruments and Experimental Techniques, (1997), pp 628, 40(5).	
	C16	MILLER, R.A. et al., "A MEMS Radio-Frequency Ion Mobility Spectrometer for Chemical Agent Detection," (June 2000) Proceedings of the 2000 Solid State Sensors and Actuators Workshop, Hilton Head, SC.	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Examiner Signature	<i>R. Miller</i>	Date Considered	12/17/07
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